

### Cumulative Review

1. yes 2. yes 3. no 4. yes 5. no

6. yes 7.  $-15, -2.9, -\frac{100}{35}, \frac{13}{30}, 8, 10$

8.  $-5.6, -5.069, -5.05, -5.003, -0.506, 5.5$

9.  $-3\frac{6}{7}, -3.6, -3.023, -3, 3.25, 3\frac{2}{5}$

10.  $-9.01, -8.9, -\frac{34}{9}, -1, -\frac{4}{17}, 9$

11.  $\begin{bmatrix} 0.92 & -10.29 \\ 0.14 & 0.91 \end{bmatrix}$  12.  $\begin{bmatrix} -10\frac{1}{3} & \frac{8}{9} & -2 \end{bmatrix}$

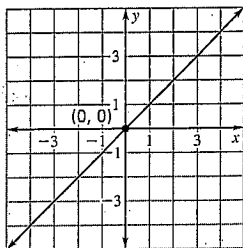
13.  $\begin{bmatrix} \frac{29}{30} \\ -\frac{5}{6} \\ \frac{5}{2} \end{bmatrix}$  14.  $\begin{bmatrix} 0.5 \\ -0.8 \end{bmatrix}$  15. 129 16.  $\frac{33}{27}$

17.  $6\frac{1}{10}$  18. 0.088 19.  $-3$  20.  $-1.84$

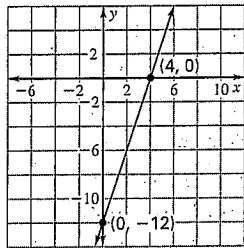
21.  $-\frac{6}{5}$  22. 0 23.  $\frac{10}{3}$  24. 5

# Review and Assessment *continued*

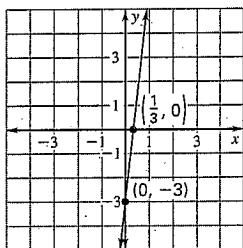
25. x-intercept = 0,  
y-intercept = 0



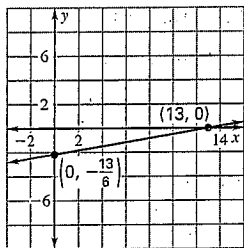
26. x-intercept = 4,  
y-intercept = -12



27. x-intercept =  $\frac{1}{3}$ ,  
y-intercept = -3



28. x-intercept = 13,  
y-intercept =  $-\frac{13}{6}$



29.  $y = -\frac{5}{2}x$ ,  $m = 0$ ,  $b = -\frac{5}{2}$

30.  $y = 0.271x - 1.875$ ,  $m = 0.271$ ,  $b = -1.875$

31.  $y = -\frac{4}{3}x + 4$ ,  $m = -\frac{4}{3}$ ,  $b = 4$

32.  $y = x - 9$ ,  $m = 1$ ,  $b = -9$

33.  $y = \frac{1}{3}x - 7$ ,  $m = \frac{1}{3}$ ,  $b = -7$

34.  $y = 0.25x + 0.25$ ,  $m = 0.25$ ,  $b = 0.25$

35.  $y = 9x - 45$  36.  $y = x + 5$

37.  $y = -25x - 26$  38.  $y = -\frac{11}{2}x - \frac{111}{2}$

39.  $y = -\frac{2}{3}x$  40.  $y = -\frac{2}{3}x + 1$

41.  $y = -\frac{5}{6}x + \frac{5}{2}$  42.  $y = 4x - \frac{1}{2}$

43.  $y = \frac{5}{3}x - \frac{19}{6}$  44.  $y = -x + 6.4$

45.  $9x + y = -81$  46.  $27x - 20y = -285$

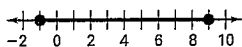
47.  $x + 2y = 10$  48.  $18x + 5y = 21$

49.  $6x + y = -21$  50.  $8x - 2y = -21$

51.  $t > -8$  52.  $x \leq 35$  53.  $y < -1.759$

54.  $x \geq 768$  55.  $s > 22$  56.  $-6.5 \leq m$

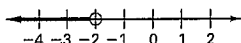
57.  $-1 \leq x \leq 9$



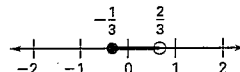
58.  $x < \frac{1}{2}$  or  $x > 12$



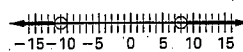
59.  $x < -2$



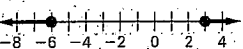
60.  $-\frac{1}{3} \leq x < \frac{2}{3}$



61.  $x < -11$  or  $x > 8$



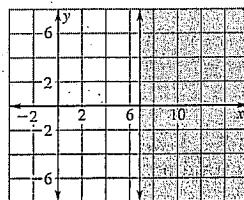
62.  $x \leq -6$  or  $x \geq 3$



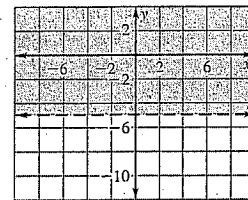
63. -5, 11 64. -2, 2 65.  $\frac{11}{30}, \frac{13}{30}$

66. 16.3, -3.3

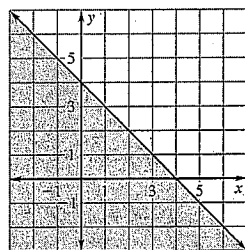
67.  $x \geq 6\frac{3}{4}$



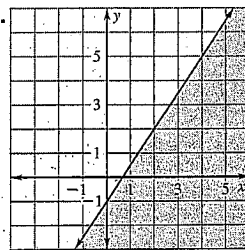
68.  $y > -5$



69.



70.



71. 1 2  
2 2 5 6  
3 6  
4  
5  
6  
7 8  
8 9

12, 22, 25, 26, 36, 78, 89  
Key:  $3|6 = 36$

72. 1 0 1 2 4 9 10, 11, 12, 14, 19, 23  
2 3  
Key:  $2|3 = 23$

73. 5 4 6  
6  
7 2 3  
8 7 9  
54, 56, 72, 73, 87, 89  
Key:  $7|2 = 72$

74. 10 0  
11 2  
12 5  
13  
14 8  
15 2  
16 8  
100, 112, 125, 148, 152, 168  
Key:  $14|8 = 148$